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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/605,308	09/22/2003	Xiangdong Chen	FIS920030266US1	2307

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INTERNATIONAL BUSINESS MACHINES CORPORATION
DEPT. 18G
BLDG. 300-482
2070 ROUTE 52
HOPEWELL JUNCTION, NY 12533

EXAMINER

MAI, ANH D

ART UNIT PAPER NUMBER

2814

DATE MAILED: 12/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Supplemental Notice of Allowability

Application No.

10/605,308

Examiner

Anh D. Mai

Applicant(s)

CHEN ET AL.

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to telephone interview conducted December 1, 2005.
2. ☒ The allowed claim(s) is/are 1,3-7,1,10,21-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Daryl K. Neff, Reg. No. 38,253 on December 01, 2005.

The application has been amended as follows:

In the Specification:

Paragraph [0031], line 10, delete "lower" insert instead -- metal--.

Paragraph [0045], line 4, before "finely controlled" delete "not require".

Paragraph [0048], line 7, after "layer 313" delete ".and" insert instead --, such that --.

Paragraph [0048], line 8, after "polysilicon" delete "portion" insert instead -- layer --.

In the Claims:

Claim 1:

Line 2, after "a first" insert instead -- conductive --.

Line 4, after "a second" insert instead -- conductive --; after "second material" delete "formed on" and insert instead -- said second conductive layer being in conductive communication with --.

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Line 5, after “said first” insert instead -- conductive --.

Claim 4, line 4, after “said first” insert instead -- conductive --.

Claim 10:

Line 4, after “a first” insert instead -- conductive --.

Line 6, after “a second” insert instead -- conductive --.

Line 7, after “metal silicides” delete “overlying” insert instead -- , said second conductive layer being in conductive communication with --; and after “said first” insert instead -- conductive --.

Line 8, after “said second” insert instead -- conductive --.

Line 9, after “said second” insert instead -- conductive --.

Line 16, after “said first” insert instead -- conductive --.

Claim 21:

Line 2, after “a first” insert instead -- conductive --.

Line 3, after “a second” delete “layer disposed on said first” insert instead -- conductive layer overlying said first conductive layer and in conductive communication with said first conductive --; and after “said second” insert instead -- conductive --.

Line 5, after “said second” insert instead -- conductive --.

Line 7, after “said second” insert instead -- conductive --.

Claim 22, line 4, after “said first” insert instead -- conductive --.

Claim 27, line 3, after “said second” insert instead -- conductive --.

Claim 28, line 3, after “said second” insert instead -- conductive --.

Claim 29, line 3, after “said second” insert instead -- conductive --.

Claim 30, line 3, after “said second” insert instead -- conductive --.

Claim 31, line 3, after “said second” insert instead -- conductive --.

Claim 32, line 3, after “said second” insert instead -- conductive --.

Allowable Subject Matter

2. Claims 1, 3-7, 9, 10 and 21-32 are allowed.

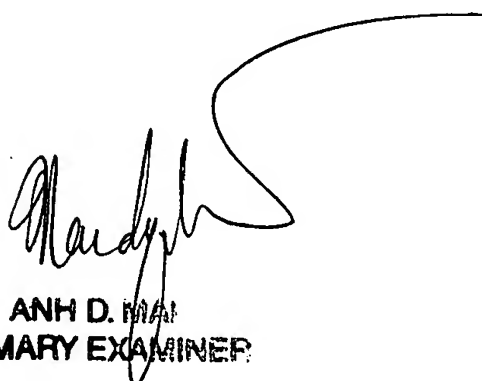
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anh D. Mai whose telephone number is (571) 272-1710. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Wael Fahmy can be reached on (571) 272-1705. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



ANH D. MAI
PRIMARY EXAMINER